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<150> PCT/SE03/01435
<151> 2003-09-12
<150> SE 0203226-6
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35 40 45
Tyr Asp Ala Ser Asn Leu Glu Ser Gly Val Pro Ser Arg Phe Ser Gly 50 60
Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro 65 70 75 80
Glu Asp Phe Ala Ile Tyr Tyr Cys Gln Gln Phe Asn Ser Tyr Pro Leu
85 90 95
Thr Phe Gly Gly Gly Thr Lys Val Glu Ile Lys Arg Thr Val Ala Ala
100 105 110
Pro Ser Val Phe Ile Phe Pro Pro Ser Asp Glu Gln Leu Lys Ser Gly 115 120 125
Thr Ala Ser Val Val Cys Leu Leu Asn Asn Phe Tyr Pro Arg Glu Ala
130 135 140
Lys Val Gln Trp Lys Val Asp Asn Ala Leu Gln Ser Gly Asn Ser Gln 145
Glu Ser Val Thr Glu Gln Asp Ser Lys Asp Ser Thr Tyr Ser Leu Ser
165 170 175
Ser Thr Leu Thr Leu Ser Lys Ala Asp Tyr Glu Lys His Lys Val Tyr
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Ala Cys Glu Val Thr His Gln Gly Leu Ser Ser Pro Val Thr Lys Ser 195 200 205

Phe Asn Arg Gly Glu Cys

<210> 2 <211> 225 <212> PRT <213> Homo sapiens

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<210> 3 <211> 105 <212> PRT

<213> Homo sapiens

<400> 3

Val Ala Ala Pro Ser Val Phe Ile Phe Pro Pro Ser Asp Glu Gln Leu $1 \hspace{1cm} 5 \hspace{1cm} 10 \hspace{1cm} 15$ Lys Ser Gly Thr Ala Ser Val Val Cys Leu Leu Asn Asn Phe Tyr Pro 20 25 30 Arg Glu Ala Lys Val Gln Trp Lys Val Asp Asn Ala Leu Gln Ser Gly
40
45 Asn Ser Gln Glu Ser Val Thr Glx Glx Asp Ser Lys Asp Ser Thr Tyr 50 60 Ser Leu Ser Ser Thr Leu Thr Leu Ser Lys Ala Asp Tyr Glu Lys His 65 70 75 80 Lys Val Tyr Ala Cys Glu Val Thr His Gln Gly Leu Ser Ser Pro Val 85 90 95 Thr Lys Ser Phe Asn Arg Gly Glu Cys 100 105

<210> 4 <211> 121 <212> PRT

<213> Homo sapiens

<400> 4 Thr Pro Leu Thr Phe Gly Gln Gly Thr Arg Leu Glu Ile Lys Arg Thr Val Ala Ala Pro Ser Val Phe Ile Phe Pro Pro Ser Asp Glu Gln Leu 20 25 30 Lys Ser Gly Thr Ala Ser Val Val Asx Leu Leu Asn Asn Phe Tyr Pro $\frac{35}{40}$ Arg Glu Ala Lys Val Gln Trp Lys Val Asp Asn Ala Leu Gln Ser Gly 50 60 Asn Ser Gln Glu Ser Val Thr Glu Gln Asp Ser Lys Asp Ser Thr Tyr 65 70 75 80 Ser Leu Ser Ser Thr Leu Thr Leu Ser Lys Ala Asp Tyr Glu Lys His 85 90 95 Lys Val Tyr Ala Asx Glu Val Thr His Gln Gly Leu Ser Ser Pro Val $100 \hspace{1cm} 105 \hspace{1cm} 110$ Thr Lys Ser Phe Asn Arg Gly Glu Asx 115 120

<210> 5 <211> 121 <212> PRT <213> Homo sapiens

Ser Pro Leu Thr Phe Gly Gly Gly Thr Lys Val Glu Ile Lys Arg Thr Val Ala Ala Pro Ser Val Phe Ile Phe Pro Pro Ser Asp Glu Gln Leu 20 25 30 Lys Ser Gly Thr Ala Ser Val Val Gly Leu Leu Asn Asn Phe Tyr Pro Arg Glu Ala Lys Val Gln Trp Lys Val Asp Asn Ala Leu Gln Ser Gly So Ser Gln Glu Ser Val Thr Glu Gln Asp Ser Lys Asp Ser Thr Tyr 80 Ser Leu Ser Ser Thr Leu Thr Leu Ser Lys Ala Asp Tyr Glu Lys His 95 Lys Val Tyr Ala Gly Glu Val Thr His Gln Gly Leu Ser Ser Pro Val Thr Lys Ser Phe Asn Arg Gly Glu Gly

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<210> 6
<211> 105
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<213> Homo sapiens
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Thr Val Ala Ala Pro Ser Val Phe Ile Phe Pro Pro Ser Asp Glu Gln
Leu Lys Ser Gly Thr Ala Ser Val Val Cys Leu Leu Asn Asn Phe Tyr
20
Pro Arg Glu Ala Lys Val Gln Trp Val Asp Asn Ala Leu Gln Ser Gly
Asn Ser Gln Glu Ser Val Thr Glu Gln Glu Ser Lys Asp Ser Thr Tyr
Ser Leu Ser Ser Thr Leu Thr Leu Ser Lys Ala Asp Tyr Glu Lys His
65
Lys Val Tyr Ala Gly Glu Val Thr His Gln Gly Leu Ser Ser Pro Val
85
Thr Lys Ser Phe Asn Arg Gly Glu Cys
105

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 $^{<400>}$ 7 Trp Phe Arg Thr Phe Gly Gln Gly Thr Lys Val Glu Ile Lys Arg Thr Val Ala Ala Pro Ser Val Phe Ile Phe Pro Pro Ser Asp Glu Gln Leu Lys Ser Gly Thr Ala Ser Val Val Cys Leu Leu Asn Asn Phe Tyr His Arg Glu Ala Lys Val Gln Trp Lys Val Asp Asn Ala Leu Gln Ser Gly

Asn Ser Gln Glu Ser Val Thr Glu Gln Asp Ser Lys Asp Ser Thr Tyr 70 Ser Leu Ser Ser Thr Leu Thr Leu Ser Lys Ala Asp Tyr Glu Lys His 90 Val Tyr Ala Cys Glu Val Thr His Gln Gly Leu Ser Ser Pro Val Thr Lys Ser Phe Asn Arg Gly Glu Cys 120

<210> 8 <211> 106 <212> PRT <213> Homo sapiens

Thr Val Ala Ala Pro Ser Val Phe Ile Phe Pro Pro Ser Asp Glu Gln Leu Lys Ser Gly Thr Ala Ser Val Val Cys Leu Leu Asn Asn Phe Tyr Arg Glu Ala Lys Val Gln Arg Lys Val Asp Asn Ala Leu Gln Ser Gly Asn Ser Gln Glu Ser Val Thr Glu Gln Glu Ser Lys Asp Ser Thr Tyr Ser Leu Ser Ser Thr Leu Thr Leu Ser Lys Ala Asp Tyr Glu Lys 80 His Lys Val Tyr Ala Cys Glu Val Thr His Gln Gly Leu Ser Ser Pro Val Thr Lys Ser Phe Asn Arg Gly Glu Cys

<210> 9 <211> 121 <212> PRT <213> Homo sapiens

Phe Pro Tyr Thr Phe Gly Gln Gly Thr Lys Leu Glu Ile Lys Arg Thr Val Ala Ala Pro Ser Val Phe Ile Phe Pro Pro Ser Asp Glu Gln Leu Lys Ser Gly Thr Ala Ser Val Val Cys Leu Leu Asp Asp Phe Tyr Pro Arg Glu Ala Lys Val Gln Trp Lys Val Asp Asp Asp Phe Tyr Pro 65

Ser Gln Glu Ser Val Thr Glu Gln Asp Ser Lys Asp Ser Thr Tyr 80

Ser Leu Ser Ser Thr Leu Thr Leu Ser Lys Ala Asp Tyr Glu Lys His

Lys Val Tyr Ala Cys Glu Val Thr His Gln Gly Leu Ser Ser Pro Val
100 105 110

Thr Lys Ser Phe Asn Arg Gly Glu Cys
115 120

<210> 10 <211> 121 <212> PRT <213> Homo sapiens

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<210> 12 <211> 131 <212> PRT <213> Homo sapiens

<400> 12
Ile Glu Leu Asp Ile Val Val Val Pro Ala Pro Met Arg Gly Ser Leu
Gly Phe Asp Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser Ala
Ser Thr Lys Gly Pro Ser Val Phe Pro Leu Ala Pro Ser Ser Lys Ser
Thr Ser Gly Gly Thr Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr Phe
Fro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser Gly
Roll His Thr Phe Pro Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser Leu
Ser Ser Val Val Thr Val Pro Ser Ser Ser Leu Gly Thr Gln Thr Tyr
Ile Cys Asn Val Asn His Lys Pro Ser Asn Thr Lys Val Asp Lys Lys
Val Glu Pro

<210> 13 <211> 100 <212> PRT <213> Homo sapiens

Ala Ser Thr Lys Gly Pro Ser Val Phe Pro Leu Ala Pro Ser Ser Lys Ser Thr Ser Gly Gly Thr Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr Phe Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser Gly Val His Thr Phe Pro Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser Ser Ser Ser Val Val Thr Val Pro Ser Ser Ser Leu Gly Thr Gln Thr 65 Tyr Ile Cys Asn Val Asn His Lys Pro Ser Asn Thr Lys Val Asp Lys Lys Val Glu Pro

<210> 14 <211> 140 <212> PRT <213> Homo sapiens

Ala Ser Phe Lys Gly Pro Ser Val Phe Pro Leu Ala Pro Cys Ser Arg

Ser Thr Pro Gly Gly Thr Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr

Phe Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser

Gly Val His Thr Phe Pro Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser

Leu Ser Ser Val Val Tyr Val Pro Ser Ser Ser Leu Gly Thr Gln Thr

80

Tyr Thr Cys Asn Val Asn His Lys Pro Ser Asn Thr Lys Val Asp Lys

Arg Val Glu Leu Lys Thr Pro Leu Gly Asp Thr Thr His Thr

Cys Pro Glu Pro Lys Ser Cys Asp Thr Pro Pro Pro Cys Pro Arg

15

15

Arg Cys Pro Glu Pro Lys Ser Cys Asp Thr Pro Pro Pro Pro Cys Pr

<210> 16 <211> 117

<210> 15 <211> 140 <212> PRT

<213> Homo sapiens

<212> PRT <213> Homo sapiens

<400> 16
Ser Thr Lys Gly Pro Ser Val Phe Pro Leu Ala Pro Cys Ser Arg Ser
Thr Ser Gly Gly Thr Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr Phe
20
Thr Ser Gly Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser Gly
Val His Thr Phe Pro Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser Leu
Ser Ser Val Val Thr Val Pro Ser Ser Ser Leu Gly Thr Gln Thr Tyr
65
Thr Cys Asn Val Asn His Lys Pro Ser Asn Thr Lys Val Asp Lys Arg
Val Glu Leu Lys Thr Pro Leu Gly Asp Thr Thr His Thr Cys Pro Arg
100
Cys Pro Glu Pro Lys

<210> 17 <211> 117 <212> PRT <213> Homo sapiens

<400> 17
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20 Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser Gly
Val His Thr Phe Pro Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser Leu
Ser Ser Val Val Thr Val Pro Ser Ser Ser Leu Gly Thr Gln Thr Tyr
65 Thr Cys Asn Val Asn His Lys Pro Ser Asn Thr Lys Val Asp Lys Arg
Val Glu Leu Lys Thr Pro Leu Gly Asp Thr Pro Pro Pro Cys Pro Arg
100 Cys Pro Glu Pro Lys

<210> 18 <211> 103 <212> PRT <213> Homo sapiens <400> 18
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Thr Ser Glu Ser Thr Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr Phe
20 Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser Gly
Val His Thr Phe Pro Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser Leu
Ser Ser Val Val Thr Val Pro Ser Ser Asn Phe Gly Thr Gln Thr Tyr
65 Thr Cys Asn Val Asp His Lys Pro Ser Asn Thr Lys Val Asp Lys Thr
Val Glu Arg Lys Cys Cys Val

<210> 19 <211> 128 <212> PRT <213> Homo sapiens

<210> 20 <211> 103 <212> PRT

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Ser Thr Ser Glu Ser Thr Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr 20 25 30 Phe Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser 35 40 45 Gly Val His Thr Phe Pro Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser 50 60 Leu Ser Ser Trp Thr Val Pro Ser Ser Asn Phe Gly Thr Gln Thr Tyr 65 70 75 80 Thr Cys Asn Val Asp His Lys Pro Ser Asn Thr Lys Val Asp Lys Thr 85 90 95 Val Glu Arg Lys Cys Cys Val 100

<210> 21 <211> 104 <212> PRT

<213> Homo sapiens

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<210> 22 <211> 103 <212> PRT <213> Homo sapiens

Ser Thr Lys Gly Pro Ser Val Phe Pro Leu Ala Pro Cys Ser Arg Ser 1 10 15 Thr Ser Glu Ser Thr Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr Phe 20 25 30 Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser Gly 45 Val His Thr Phe Pro Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser Leu 50 55 60 Ser Ser Val Val Thr Val Pro Ser Ser Ser Leu Gly Thr Lys Thr Tyr 70 Thr Cys Asn Val Asp His Lys Pro Ser Asn Thr Lys Val Asp Lys Arg 85 Val Glu Ser Lys Tyr Gly Pro

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<210> 24 <211> 104 <212> PRT <213> Homo sapiens

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<210> 25 <211> 105 <212> PRT <213> Homo sapiens

Ser Thr Lys Gly Pro Ser Val Phe Pro Leu Ala Pro Ser Ser Lys Ser Thr Ser Gly Gly Thr Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr Phe Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser Gly Val His Thr Phe Pro Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser Leu Ser Ser Val Val Thr Val Pro Ser Ser Ser Ser Leu Gln Thr Tyr 70 Pro Ser Ser Ser Leu Gly Thr Gln Thr Tyr 80 Ile Cys Asn Val Asn His Lys Pro Ser Asn Thr Lys Val Asp Lys Arg Glu Pro Lys Ser Cys Asp Lys Thr 105

<210> 26 <211> 120 <212> PRT <213> Homo sapiens

Arg Asp Thr Ala Met Phe Phe Ala His Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser Ala Ser Thr Lys Gly Pro Ser Val Phe Pro Leu Ala Pro Ser Ser Lys Ser Thr Ser Gly Gly Thr Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr Phe Pro Gln Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser Gly Val His Thr Phe Pro Ala Val Leu Gln Ser Ser 80 Gly Leu Tyr Ser Leu Ser Ser Val Val Thr Val Pro Ser Ser Ser Leu 95

Gly Thr Gln Thr Tyr Ile Cys Asn Val Asn His Lys Pro Ser Asn Thr
100 105 110

Lys Val Asp Lys Lys Val Glu Pro
115 120

<210> 27 <211> 127 <212> PRT <213> Homo sapiens

<400> 27
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Trp Gly Gln Gly Thr Pro Val Thr Val Ser Ser Ala Ser Thr Lys Gly
Pro Ser Val Phe Pro Leu Ala Pro Ser Ser Lys Ser Thr Ser Gly Gly
Thr Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr Phe Pro Gln Pro Val
Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser Gly Val His Thr Phe
65
Pro Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser Leu Ser Ser Val
90
Thr Val Pro Ser Ser Ser Ser Leu Gly Thr Gln Thr Tyr Ile Cys Asn Val
Asn His Lys Pro Ser Asn Thr Lys Val Asp Lys Arg Val Glu Pro

<210> 28 <211> 118 <212> PRT <213> Homo sapiens

Asp Lys Arg Val Ala Pro 115

<210> 29 <211> 113 <212> PRT <213> Homo sapiens

Phe Ala Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ala Ala Lys Thr Thr Pro Pro Ser Val Tyr Pro Leu Ala Pro Gly Ser Ala Ala Gln Thr Asn Ser Met Val Thr Leu Gly Cys Leu Val Lys Gly Tyr Phe Pro Glu Pro Val Thr Val Thr Trp Asn Ser Gly Ser Leu Ser Ser Gly Val His Thr Phe Pro Ala Val Leu Gln Ser Asp Leu Tyr Thr Leu Ser Ser 65 Ser Val Thr Val Pro Ser Ser Thr Trp Pro Ser Glu Thr Val Thr Cys 95 Asn Val Ala His Pro Ala Ser Ser Thr Lys Val Asp Lys Lys Ile Val Pro

<210> 30 <211> 125 <212> PRT <213> Homo sapiens

<210> 31 <211> 127 <212> PRT <213> Homo sapiens

Arg Asp Tyr Tyr Asp Ser Gly Gly Tyr Phe Thr Val Ala Phe Asp Ile Trp Gly Gln Gly Thr Met Val Thr Val Ser Ser Ala Ser Thr Lys Gly Pro Ser Val Phe Pro Leu Ala Pro Ser Ser Lys Ser Thr Ser Gly Gly Thr Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr Phe Pro Glu Pro Val Ser Trp Asn Ser Gly Ala Leu Thr Ser Gly Val His Thr Phe Ro Pro Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser Leu Ser Ser Val Val Pro Ser Val Nal Pro Ser Ser Ser Leu Gly Thr Gln Thr Tyr Ile Cys Asn Val Asn His Lys Pro Ser Asn Thr Lys Val Asp Lys Lys Val Glu Pro

<210> 32 <211> 134 <212> PRT <213> Homo sapiens

<400> 32
Gly Ala Gly Val Thr Leu Val Arg Gly Ala Ile Lys Pro Ser Pro Asp
Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly Thr Thr Val Thr Val
Ser Ser Ala Ser Thr Lys Gly Pro Ser Val Phe Pro Leu Ala Pro Ser
Ser Lys Ser Thr Ser Gly Gly Thr Ala Ala Leu Gly Cys Leu Val Lys
Asp Tyr Phe Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu
65
Thr Ser Gly Val His Thr Phe Pro Ala Val Leu Gln Ser Ser Gly Leu
75
Tyr Ser Leu Ser Ser Val Val Thr Val Pro Ser Ser Ser Leu Gly Thr
Gln Thr Tyr Ile Cys Asn Val Asn His Lys Pro Ser Asn Thr Lys Val
Asp Lys Arg Val Glu Pro

<210> 33 . <211> 127 <212> PRT <213> Homo sapiens

<400> 33
Gly Gly His Gly Phe Cys Ser Ser Ala Ser Cys Phe Gly Pro Asp Tyr
Trp Gly Gln Gly Thr Pro Val Thr Val Ser Ser Ala Ser Thr Lys Gly
Pro Ser Val Phe Pro Leu Ala Pro Ser Ser Lys Ser Thr Ser Gly Gly
Thr Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr Phe Pro Gln Pro Val
Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser Gly Val His Thr Phe
65
Pro Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser Leu Ser Ser Val
85
Thr Val Pro Ser Ser Ser Leu Gly Thr Gln Thr Tyr Ile Cys Asn Val
Asn His Lys Pro Ser Asn Thr Lys Val Asp Lys Arg Val Glu Pro

<210> 34 <211> 111 <212> PRT <213> Homo sapiens

<400> 34
Gly Asp Val Tyr Asn Arg Gln Trp Gly Gln Gly Thr Leu Val Thr Val
Ser Ser Ala Ser Thr Lys Gly Pro Ser Val Phe Pro Leu Ala Pro Ser
Ser Lys Ser Thr Ser Gly Gly Thr Ala Ala Leu Gly Asx Leu Val Lys
Asp Tyr Phe Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu
Thr Ser Gly Val His Thr Phe Pro Ala Val Leu Gln Ser Ser Gly Leu
65
Tyr Ser Leu Ser Ser Val Val Thr Val Pro Ser Ser Ser Leu Gly Thr
Gln Thr Tyr Ile Asx Asn Val Asn His Lys Pro Ser Asn Thr Lys

<210> 35 <211> 118 <212> PRT <213> Homo sapiens Ser Ser Ala Ser Thr Lys Gly Pro Ser Val Phe Pro Leu Ala Pro Ser Ser Lys Ser Thr Ser Gly Gly Thr Val Ash Ala Leu Gly Cys Leu Val Lys Asp Tyr Phe Pro Glu Pro Val Thr Val Ser Trp Ash Ser Gly Ala Leu Gly Cys Ash Val Thr Val Pro Ser Ser Leu Gly Val His Thr Phe Pro Ala Val Leu Gln Ser Ser Gly Leu Gly Cys Ash Val Ash His Lys Pro Ser Ser Ser Leu Gly Thr Ash Cys Ash Tyr Ile Cys Ash Val Ash His Lys Pro Ser Ash Thr Lys Val Asp Lys Arg Val Glu Pro

<210> 36 <211> 117 <212> PRT <213> Homo sapiens

<400> 36
Asp Val Tyr Asn Arg Gln Trp Gly Gln Gly Thr Leu Val Thr Val Ser
Ser Ala Ser Thr Lys Gly Pro Ser Val Phe Pro Leu Ala Pro Cys Ser
Arg Ser Thr Ser Glu Ser Thr Ala Ala Leu Gly Cys Leu Val Lys Asp
Tyr Phe Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu Thr
Ser Gly Val His Thr Phe Pro Ala Val Leu Gln Ser Ser Gly Leu Tyr
65 Gly Val His Thr Phe Pro Ala Val Leu Gln Ser Ser Gly Leu Tyr
80
Ser Leu Ser Ser Val Val Thr Val Pro Ser Ser Asn Phe Gly Thr Gln
95 Thr Tyr Thr Cys Asn Val Asp His Lys Pro Ser Asn Thr Lys Val Asp
Lys Thr Val Glu Arg

<210> 37 <211> 122 <212> PRT

<213> Homo sapiens

<400> 37 Pro Tyr Gly Gly Gly Lys Ser Glu Phe Asp Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser Ala Ser Thr Lys Gly Pro Ser Val Phe Pro Ser Val Pro Ser Ser Ser Ser Lys Ser Thr Ser Gly Gly Thr Ala Ala Leu Gly Ala Leu Val Lys Asp Tyr Phe Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser Gly Val His Thr Phe Pro Ala Val Leu Gln 80 Ser Ser Gly Leu Tyr Ser Leu Ser Ser Val Val Thr Val Pro Ser Ser Ser Leu Gly Thr Gln Thr Tyr Ile Cys Asn Val Asn His Lys Pro Ser Asn Thr Lys Val Asp Lys Lys Val Glu Pro

<210> 38

<211> 119 <212> PRT

<213> Homo sapiens

<400> 38
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Val Ser Ser Ala Ser Thr Lys Gly Pro Ser Val Phe Pro Leu Ala Pro
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Ser Ser Lys Ser Thr Ser Gly Gly Thr Ala Ala Leu Gly Cys Leu Val

Lys Asp Tyr Phe Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala

Leu Thr Ser Gly Val His Thr Phe Pro Ala Val Leu Gln Ser Ser Gly
65
Leu Tyr Ser Leu Ser Ser Val Val Thr Val Pro Ser Ser Ser Leu Gly
80
Thr Gln Thr Tyr Ile Cys Asn Val Asn His Lys Pro Ser Asn Thr Lys
Val Asp Lys Lys Val Glu Pro

<210> 39

<211> 119 <212> PRT

<213> Homo sapiens

Ser Ser Lys Ser Thr Ser Gly Gly Thr Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr Phe Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu Gly For Gly Ala Leu Thr Ser Gly Val His Thr Phe Pro Ala Val Leu Gln Ser Ser Gly 80 Leu Tyr Ser Leu Ser Ser Val Val Thr Val Pro Ser Ser Ser Leu Gly 95 Thr Gln Thr Tyr Ile Cys Asn Val Asn His Lys Pro Ser Asn Thr Lys Val Asp Lys Lys Val Glu Pro

<210> 40 <211> 123 <212> PRT <213> Homo sapiens

Clu Thr Met Ala Ser Arg Lys Arg Ala Phe Asp Ile Trp Gly Gln Gly 15

Thr Met Val Thr Val Ser Ala Ala Ser Thr Lys Gly Pro Ser Val Phe 20

Pro Leu Ala Pro Cys Ser Arg Ser Thr Ser Gly Gly Thr Ala Ala Leu 35 40 45

Gly Cys Leu Val Lys Asp Tyr Phe Pro Glu Pro Val Thr Val Ser Trp 50 55 60

Asn Ser Gly Ala Leu Thr Ser Gly Val His Thr Phe Pro Ala Val Leu 65 70 75 80

Gln Ser Ser Gly Leu Tyr Ser Leu Ser Ser Val Val Ser Val Pro Ser 85 90 95

Ser Asn Leu Gly Thr Gln Thr Tyr Thr Cys Asn Val Asn His Lys Pro 100 105 110

Ser Asn Thr Lys Val Asp Lys Thr Val Glu Leu 115 120